Application Serial No. 09/852,959,253
Amendment A
Reply to Office Action of January 31, 2005

<u>Amendments to the Claims:</u>

This listing of claims will replace all prior versions and listings of claims in the above-identified application:

<u>Listing of Claims:</u>

1-6   (Canceled)

7.   (New) A method of displaying status information for a machine via a web interface between said machine and a web server, said method comprising:

      maintaining status data for said machine utilizing said machine;

      receiving a request from a user to view a web page comprising said status information; and

      causing said web page to be displayed to said user utilizing said web server in response to said receiving in order to reduce an amount of processing work required by said machine, wherein said causing comprises

            generating a new markup language file in response to a determination that said status data has been previously updated, and

            transmitting said new markup language file to said user in response to said generating.

8.   (New) The method of claim 7, said method further comprising storing said new markup language file for use until said status data is updated.

9.   (New) The method of claim 8, wherein said storing comprises at least one of: storing said new markup language file on a hard disk drive and locally caching said new markup language file.

10.   (New) The method of claim 7, wherein said causing further comprises:

      accessing a existing markup language file in response to a determination that said status data has not been previously updated; and

      transmitting said existing markup language file to said user in response to said accessing.

11.   (New) The method of claim 7, wherein

said maintaining comprises updating said status data in response to each change of status
of said machine, and

said causing comprises inhibiting said generating until said request is received.

12.   (New) The method of claim 7, wherein

said request comprises data specifying a requested human language, and

said generating comprises generating said new markup language file in only said
requested human language.

13.   (New) The method of claim 12, wherein

said data specifying said requested human language comprises data specifying a plurality
of requested human languages, and

said generating comprises generating said new markup language file in only each of said
plurality of requested human languages.

14.   (New) The method of claim 7, wherein said machine comprises an automated tape
library.

15.   (New) A data processing system for displaying machine status information comprising:

a machine configured to maintain status data specifying a status of said machine;

a web server coupled to said machine via a web interface, wherein said web server
comprises

means for receiving a request from a user to view a web page comprising said
machine status information,

means for causing said web page to be displayed to said user in response to said
request in order to reduce an amount of processing work required by said
machine, wherein means for said causing comprises

means for generating a new markup language file in response to a
determination that said status data has been previously updated,
and

means for transmitting said new markup language file to said user.

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16.   (New) The data processing system of claim 15, further comprising means for storing said new markup language file for use until said status data is updated.

17.   (New) The data processing system of claim 16, wherein said means for storing comprises at least one of: means for storing said new markup language file on a hard disk drive and means for locally caching said new markup language file.

18.   (New) The data processing system of claim 15, wherein said means for causing further comprises:

      means for accessing a existing markup language file in response to a determination that said status data has not been previously updated; and

      means for transmitting said existing markup language file to said user.

19.   (New) The data processing system of claim 15, wherein

      said means for maintaining comprises means for updating said status data in response to each change of status of said machine, and

      said means for causing comprises means for inhibiting a generation of said new markup language file until said request is received.

20.   (New) The data processing system of claim 15, wherein

      said request comprises data specifying a requested human language, and

      said means for generating comprises means for generating said new markup language file in only said requested human language.

21.   (New) The data processing system of claim 15, wherein said machine comprises an automated tape library.

22.   (New) A computer-readable medium encoded with a computer program, which when executed by a processor, causes said processor to implement a method of displaying status information for a machine via a web interface between said machine and a web server, said method comprising:

      maintaining status data for said machine utilizing said machine;

receiving a request from a user to view a web page comprising said status information;

and

causing said web page to be displayed to said user utilizing said web server in response to

said receiving in order to reduce an amount of processing work required by said

machine, wherein said causing comprises

generating a new markup language file in response to a determination that said

status data has been previously updated, and

transmitting said new markup language file to said user in response to said

generating.

23.   (New) The computer-readable medium of claim 22, said method further comprising
storing said new markup language file for use until said status data is updated.

24.   (New) The computer-readable medium of claim 22, wherein said causing further
comprises:

accessing a existing markup language file in response to a determination that said status

data has not been previously updated; and

transmitting said existing markup language file to said user in response to said accessing.

25.   (New) The computer-readable medium of claim 22, wherein

said maintaining comprises updating said status data in response to each change of status

of said machine, and

said causing comprises inhibiting said generating until said request is received.

26.   (New) The computer-readable medium of claim 22, wherein

said request comprises data specifying a requested human language, and

said generating comprises generating said new markup language file in only said

requested human language.